

REMARKS

Claims 1-25 are currently pending in this application, with claims 1, 11 and 21 being independent. Claims 1 and 11 have been amended to more appropriately define the present invention, and claims 21-25 have been added to define additional aspects thereof.

Claim Rejections - 35 U.S.C §102(e)

The Examiner rejected claims 1-3, 9-13, and 19-20 under 35 U.S.C §102(e) as being anticipated by U.S. Patent No. 6,288,750 to Yamada et al. ("Yamada"). Applicants respectfully traverse the §102(e) rejection because the prior art cited by the Examiner fails to show each and every element of these claims.

Regarding claims 1 and 11, Yamada merely discloses a television receiver which can accommodate changes in the received broadcast wave in order to compensate for various video broadcasting data standards and changes thereof (column 3, lines 4-11). Specifically, Yamada discloses a set top box which receives a signal for demodulating by demodulating part (3), into a video stream, an audio stream, additional information, and other types of information (column 4, line 59-column 5, line 3; Figure 1). The additional information, denoted as Ss, once demultiplexed from the received data stream, is outputted to a CPU (7) (see column 5, lines 9-14). Copy generation control and copy guard are performed on the basis of the additional information. Further CPU (7) also

generates on screen display (OSD) data, denoted a So, and outputs the OSD data So and the above additional information Ss to a video decoder through a data bus (11) (see column 5, lines 14-19). The OSD is generated on the basis of the OSD data So by the CPU (7) (column 5, lines 22-24). After processing the additional information Ss and OSD data So, the data is passed over data bus (11) to video decoder (200) which subsequently stores the additional information Ss and the OSD to So in work RAM (202) (see column 5, lines 49-50; Figure 2).

Conversely, Yamada fails to disclose, at least, "an associated information storage means for storing associated information independent from, and interchangeable with the added information," as recited in claim 1 (emphasis added), and "storing information independent from, and interchangeable with the added information," as recited in claim 11 (emphasis added).

Applicants submit that the additional information Ss and the OSD data So as stored in work RAM (202) are not independent and interchangeable with the additional information Ss data that is output to CPU (7) over data bus (11) as shown in Figure 1. The information stored in work RAM (202) is not independent from the data associated with the received broadcast signal because it is based upon the data that is multiplexed with the incoming video stream (column 5, lines 1-4). The information stored in work RAM (202) is not interchangeable with the data that is associated with

the received broadcast signal because it must initially be processed by CPU (7) first in order to generate the on screen display data (see column 5, lines 16-19).

Accordingly, Applicants respectfully request the Examiner to withdraw the rejection of claims 1 and 11. Claims 2-10 and 12-20 depend from claims 1 and 11, respectively, and are allowable at least by virtue of their dependence from allowable claims 1 and 11.

Claim Rejections - 35 U.S.C §103 - Yamada

The Examiner rejected claims 5 and 15 under 35 U.S.C §103(a) as being unpatentable over Yamada. Applicants respectfully traverse the §103 rejection of these claims because the prior art cited by the Examiner fails to teach or suggest each and every one of the features required by these claims.

Yamada fails to teach or suggest, "an associated information storage means for storing associated information independent from, and interchangeable with the added information," as required by claim 5 and "storing associated information different from, and interchangeable with the added information," as required by claim 11. Accordingly, Applicants respectfully request the Examiner to withdraw the §103(a) rejection of claims 5 and 15.

Claim Rejections - 35 U.S.C §103(a) - Yamada/Kirkland

The Examiner rejected claims 6, 8, 16, and 18 under 35 U.S.C §103(a) as being unpatentable over Yamada in view of U.S. Patent No. 5,900,908 to Kirkland ("Kirkland"). Applicants respectfully traverse this rejection because none of the references cited by the Examiner teach or suggest each and every one of the features recited by these claims.

Kirkland fails to cure the deficiencies of Yamada in that Kirkland fails to teach or suggest, at least "an associated information storage means for storing associated information independent from, and interchangeable with the added information as required by claims 6 and 8, and "storing associated information different from and interchangeable with the added information," as required by claims 16 and 18. Accordingly, Applicants respectfully request the Examiner withdraw the §103(a) rejections of claims 6, 8, 16 and 18.

Claim Rejections - 35 U.S.C §103(a) - Yamada/Branscomb

The Examiner rejected claims 4 and 14 under 35 U.S.C §103(a) as being unpatentable over Yamada in view of U.S. Patent No. 5,684,514 to Branscomb ("Branscomb"). Applicants respectfully traverse the rejection of these claims because Branscomb fails to cure the deficiencies of Yamada.

Branscomb fails to teach or suggest, at least, "an associated information storage means for storing associated information independent from, and interchangeable with the added information," as required by claim 14 and "storing associated information different from, and interchangeable with the added information," as required by claim 14. Accordingly, Applicants respectfully request the Examiner withdraw the §103(a) rejections of claims 4 and 14.

Claim Rejections - 35 U.S.C §103(a) - Yamada/Kirkland/Branscomb

The Examiner rejected claims 7 and 17 under 35 U.S.C §103(a) as being unpatentable over Yamada, in view of Kirkland, and further in view of Branscomb. Applicants respectfully traverse the rejections of claims 7 and 17 because Kirkland and Branscomb, either separately or in any combination, failed to cure the deficiencies of Yamada.

Claims 7 and 17, depending from allowable claims 1 and 11, respectively, include all of the recitations recited in their respective base claims. As presented above, neither Kirkland nor Branscomb cure the deficiencies of Yamada as provided above in the arguments for the allowability of claims 1 and 11. Accordingly, Applicants respectfully request the Examiner to withdraw the §103(a) rejection of claims 7 and 17.

Conclusion

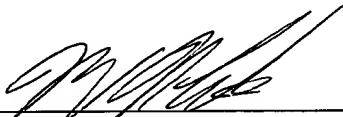
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Michael K. Mutter (Reg. No. 29,680) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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